

Form PTO-948 (Rev. 06/03)

Application No.

29/835007

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 4-13-2001 are:A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.**1. DRAWING.** 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).☐ Color drawings are not acceptable until petition is granted. Fig(s) _____☐ Pencil and non black ink not permitted. Fig(s) _____**2. PHOTOGRAPHS.** 37 CFR 1.84(b)☐ One (1) full-tone set is required. Fig(s) _____☐ Photographs may not be mounted. 37 CFR 1.84(e)☐ Photographs must meet paper size requirements of

37 CFR 1.84(f). Fig(s) _____

☒ Poor quality (half-tone). Fig(s) 3, 4, 28, 29-35**3. TYPE OF PAPER.** 37 CFR 1.84(c)☐ Paper not suitable, strong, white, and durable. Fig(s) _____☒ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) 3, 7**4. SIZE OF PAPER.** 37 CFR 1.84(f): Acceptable sizes:

21.0 cm by 29.7 cm (DIN size A4) or

21.6 cm by 27.9 cm (8 1/2 x 11 inches)

☐ All drawing sheets not the same size.

Sheet(s) _____

☐ Drawing sheets not an acceptable size. Fig(s) _____**5. MARGINS.** 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

☐ Margins not acceptable. Fig(s) _____

Top (T) _____ Left (L) _____

Right (R) _____ Bottom (B) _____

6. VIEWS. 37 CFR 1.84(h)

REMANDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the specification, and the Brief Description of the Drawings, must likewise be changed.

☒ Views not labeled separately or properly. Fig(s) 6, 7**7. SECTIONAL VIEWS.** 37 CFR 1.84(h)(3)☐ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____**8. ARRANGEMENT OF VIEWS.** 37 CFR 1.84(i)☐ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____**9. SCALE.** 37 CFR 1.84(k)☒ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) 7**10. CHARACTER OF LINES, NUMBERS, & LETTERS.** 37 CFR 1.84(l)☒ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) 1, 2, 5, 6, 8, 26, 36**11. SHADING.** 37 CFR 1.84(m)☐ Solid black areas pale. Fig(s) _____☐ Solid black shading not permitted. Fig(s) _____**12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.** 37 CFR 1.84(p)☒ Numbers and reference characters not plain and legible. Fig(s) ALL☒ Figure legends are poor. Fig(s) ALL☐ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____☐ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____☐ Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR

1.84(p)(3). Fig(s) _____

13. LEAD LINES. 37 CFR 1.84(q)☐ Lead lines missing. Fig(s) _____**14. NUMBERING OF SHEETS OF DRAWINGS.**

37 CFR 1.84(t)

☐ Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) _____**15. NUMBERING OF VIEWS.** 37 CFR 1.84(u)☐ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____**16. DESIGN DRAWINGS.** 37 CFR 1.152☒ Surface shading shown not appropriate. Fig(s) 7☐ Solid black surface shading is not permitted except when used to represent the color black, as well as color contrast. Fig(s) _____

COMMENTS:

Reviewer

If you have questions, call (703) 305-8404.

Date

11-4-2004

Attachment to Paper No.